

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DATE:

March 17, 2004

DOCKET NO .:

**EXAMINER:** 

CE11928JAN

APPLICANT:

Nicholas E. Buris

ART UNIT:

2681

SERIAL NO.:

10/659.677 09/10/2003

FILING DATE:: ENTITLED:

METHOD AND APPARATUS FOR PROVIDING IMPROVED ANTENNA BANDWIDTH

March 17, 2004

### CERTIFICATE OF MAILING

Date of Deposit:

March 17, 2004

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA

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## INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the reference(s) listed on attached Form PTO/SB/08 and/or subsequently identified herein are for consideration by the United States Patent and Trademark Office. Pursuant to the Office waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003, copies of such reference(s) are not submitted herewith.

### I. **COPIES**

- a. 🔯 A legible copy of (i) each U.S. patent or patent application (if necessary) and each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
- **b**.□ Any patents, publications or other information which are listed on Form PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

#### II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

a. 🔯 Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).

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	b	A concise explanation of the relevation in the English language is as	ance of all patents, publications or other infollows:	ormation listed that			
	c. 🗌	The following additional information	on is provided for the Examiner's considerati	on:			
III. 🔲	CROSS	REFERENCE TO RELATED APPI	LICATION(S)				
	The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.						
	<u>U.S</u>	S. Serial No.	U.S. Filing Date	Art Unit			
			FEES				
IV. 🛛	THIS II	DS IS BEING FILED UNDER 37 C.	F.R. §1.97(b): (check one box)				
	a. 🗌	within three months of the filing da statement is required.	te of a national application (37 C.F.R. § 1.9	7(b)(1)). No fee or			
	b. 🗌		of entry of the national stage as set forth § 1.97(b)(2)). No fee or statement is requir				
	c. 🛛	before the mailing date of a first O statement is required.	ffice Action on the merits (37 C.F.R. § 1.9	7(b)(3)). No fee or			
	d. 🛛	37 C.F.R. § 1.97(c) and see the s	on on the merits has been issued, please constatement under 37 C.F.R. § 1.97(e) provided the proposit Account No. 50-2117 the fee set for	led below, or if no			
V. 🗌	before t	DS IS BEING FILED UNDER 37 C. the mailing date of either a Final Offi e of Allowance under 37 C.F.R. § 1.3	ce Action under 37 C.F.R. § 1.113 (See 37 C	C.F.R. § 1.97(c)), or			
	a. 🔲	No statement; therefore, charge De 1.17(p).	posit Account No. 50-2117 the fee set forth i	n 37 C.F.R. §			
	b. 🔲	See the statement below. No fee is	required.				
VI. 🔲		DS IS BEING FILED UNDER 37 C. efore payment of the issue fee and is					
	1)	A statement under 37 C.F.R. § 1.97	(e) as provided below;				
	2)	Applicant(s) hereby a petition for c	onsideration of this information disclosure st	atement; and			
	3)	Charge Deposit Account No. 50-21	17 the petition fee set forth in § 1.17(i).				
VII.	Stateme	ent under 37 C.F.R. §1.97(e) (check o	only one box, if applicable)				
	The und	The undersigned hereby states that:					

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	a. 🔲	each item of information contained in the IDS was cited in a communication from a foreign Patent Office is a counterpart foreign application not more than three months prior to the filing of IDS; or							
	b. 🛚	no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement, or							
	с. 🗌	foreign contained foreign informathe IDS applicatinguiry,	Patent Office. As to ed in the IDS was cit application not more tion, the undersigned was cited in a cor ion or, to the know	this inform the in a con than three hereby star mmunication ledge of the on containe	ation, the undersign numunication from a months prior to the ses that no item of the from a foreign P e person signing the d in the IDS was known	ere cited in a communication froed states that each item of information foreign Patent Office in a counterfiling of this IDS. As to the remainis remaining information containers atent Office in a counterpart for the statement after making reason own to any individual designated in this statement.	rpart ning ed in eign able		
VIII.	PAYME	ENT OF I	FEES (check one box	)					
		A check	in the amount of	\$	is enclo	osed for the above-identified fee(s)			
		Please c fee(s).	charge <u>Deposit Accou</u>	nt No. 50-2	117 in the amount o	f \$180.00 for the above-indicated			
If Applicant has overlooked any additional fees, or if any overpayment has been made, to Commissioner is hereby authorized to credit or debit <u>Deposit Account No. 50-2117</u> .									
		Two Copies of this paper are attached for Deposit Account charges and debits.							
	te statuto	ry prior		er which ar	iticipates the invent	r and without any admission that tion or which would render the s rt.			
	nined tha	t this ID	S has been filed unde	er the wrong	g rule, the PTO is re	quested to contact the undersigned. quested to consider this IDS under the Account No. 50-2117.			
					Respectfully subm	itted,			
					Larry E. Brown Patent Attorney Registration No.	45,834			
Custom	er No.	24273			Telephone: Facsimile:	954-723-6449 954-723-5599			
Enclosu	res:		PTO/SB/08 References Foreign Search Rep Other:	ort					

Docket No.: CE11928JAN

Œ Please type a plus Substitute for form NASAPEN Complete if Known Application Number 10/659,677 INFORMATION DISCLOSURE Filing Date 09/10/2003

First Named Inventor

Attorney Docket No.

Group Art Unit

Examiner Name

STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Sheet

LL C DATENT DOCUMENTS						
U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Paten Number	t Document  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,703,600		Burrell et al.	12/30/1997	
		6,400,322	B2	Fang et al.	06/04/2002	
		6,421,014	B1	Sanad	07/16/2002	
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Nicholas E. Buris

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			FO	REIGN PAT	ENT DOCUMENTS			
			Foreign Patent Doc	ument	-	Date of	Pages, Columns, Lines, Where	
Examiner Initials*	Cite No. <sup>1</sup>	Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	Trans <sup>6</sup>
								_

Examiner	Date	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. 'See Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English Language Translation is attached.